

WHAT IS CLAIMED IS:

1. A piezoelectric/electrostrictive film type device comprising: a substrate formed of a ceramic, and a
5 piezoelectric/electrostrictive operation portion in which at least one piezoelectric/electrostrictive layer and at least one pair of electrodes electrically connected to the piezoelectric/electrostrictive layer are stacked on the substrate,

10 wherein a highly water repellent surface is formed on at least one of outer surface of the piezoelectric/electrostrictive layer and an upper electrode of said at least one pair of electrodes.

15 2. A piezoelectric/electrostrictive film type device according to claim 1,

wherein said highly water repellent surface is modified in such an extent that infiltration of moisture into micro-pores opened in at least one of the outer surface of
20 the piezoelectric/electrostrictive layer and the upper electrode of said at least one pair of electrodes, and/or into a gap between the substrate and the piezoelectric/electrostrictive layer is sufficiently inhibited.